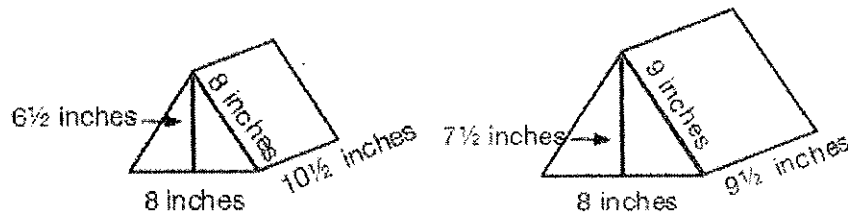


Name: _____
Date: _____

Geometry Unit | Lesson 2D homework

Directions: Show your work clearly for each problem.

1. The Camping Club is building a diorama to demonstrate campsite safety. How much cardboard will they need to build each model tent?



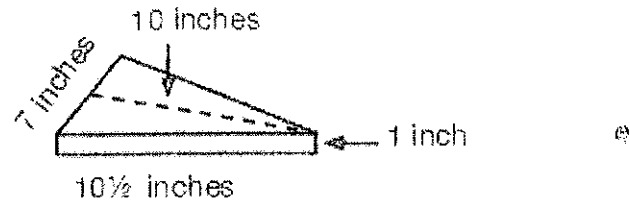
Abby's Tent

Beth's Tent

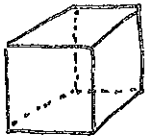
1B. Cardboard is sold in 14 in by 14 in sheets for \$0.24 a sheet. How many sheets will the Camping Club need to buy?

1C. How much will the cardboard cost?

2. As part of their campsite safety, the Camping Club marks the location of all tent stakes with pieces of wood spray-painted bright orange. How much area will they need to cover if they paint 4 markers for each of their three new tents?



3. A cube has a surface area of 96 in^2 . What are the side lengths of the cube?



4. Given tape and one 12×18 inch sheet of paper, what is the largest possible cube that can be constructed? Show or explain your work clearly.